

## PATENT APPLICATION

Sheet 1 of 11

FORM PTO-1449  LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)		ATTY. DOCKET NO. <b>10020542-1</b>	SERIAL NO. <b>TBA 10/621,953</b>
		APPLICANT Bidlingmeyer, et al.	
		FILING DATE July , 2003	GROUP <b>TBA 1723</b>

## REFERENCE DESIGNATION                    U.S. PATENT DOCUMENTS

EXAMINER INITIAL	*	DOCUMENT NUMBER	DATE	NAME
EGT		4,600,646	July 15, 1986	Stout
EGT		4,675,383	June 23, 1987	Bohlet et al.
EGT		4,816,159	Mar 28, 1989	Khosah et al.
EGT		4,871,711	Oct 3, 1989	Martin et al.
EGT		4,909,941	March 20, 1990	Poll et al.
EGT		4,929,589	May 29, 1990	Martin et al.
EGT		4,994,429	Feb 19, 1991	Wieserman et al.
EGT		5,037,795	Aug 6, 1991	Wieserman et al.
EGT		5,246,588	Sep 21, 1993	Tonelli et al.
EGT		5,262,057	Nov 16, 1993	Tonelli et al.

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	NAME	TRANSLATION	
				YES	NO

## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

EGT	Andersen, et al., "Characterization of Detergent-Solubilized Sarcoplasmic Reticulum Ca <sup>2+</sup> -ATPase by High-Performance Liquid Chromatography", Biochemistry, 25: 6439-6447, 1986.
EGT	Apffel, et al., "Analysis of Oligonucleotides by HPLC-Electrospray Ionization Mass Spectrometry", Anal. Chem. 69: 1320-1325, 1997.
EGT	Ashraf-Khorassani, et al., "Packed Column Supercritical Fluid Chromatography Using Deactivated Stationary Phases", Anal. Chem. 60: 1529-1533, 1988.

EXAMINER	DATE CONSIDERED
THERKORN	MARCH 22, 2005

\* Copies of these references are not enclosed pursuant to 37 CFR 1.98(d). (See accompanying IDS)

FORM PTO-1449		ATTY. DOCKET NO.	SERIAL NO.
		10020542-1	TBA 18/621,953
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		APPLICANT	
(Use several sheets if necessary)		Bidlingmeyer, et al.	
		FILING DATE	GROUP
		July , 2003	TBA 1723

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	*	DOCUMENT NUMBER	DATE	NAME
E6T		5,585,236	Dec 17, 1996	Bonn et al.
E6T		5,772,889	Jun 30, 1998	Gjerde et al.
E6T		5,795,976	Aug 18, 1998	Oefner et al.
E6T		5,824,225	Oct 20, 1998	Powell et al.
E6T		5,968,368	Oct 19, 1999	Powell et al.
E6T		6,024,878	Feb 15, 2000	Gjerde et al.
E6T		6,056,877	May 2, 2000	Gjerde et al.
E6T		6,210,885	April 3, 2001	Gjerde et al.
E6T		6,287,822	Sept 11, 2001	Gjerde et al.
E6T		6,342,161	Jan 29, 2002	Gjerde et al.

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	NAME	TRANSLATION	
				YES	NO

## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

E6T	Atwood, et al., "Improvements in Liquid Chromatography Column Life and Method Flexibility by Saturating the Mobile Phase with Silica", Journal of Chromatography, 171: 109-115, 1979.
E6T	Azarani, et al., "RNA Analysis by Ion-Pair Reversed-Phase High Performance Liquid Chromatography", Nucleic Acids Research, 29(2): 1-11, 2001.
E6T	Chen, et al., "Insertion of Fluoralkenes into Activated C-H Bonds for the Preparation of Polyfluorinated Sulfanes, Alcohols, and Acyclic and Cyclic Ethers", Inorg. Chem. 35: 6676-6681, 1996.

EXAMINER	DATE CONSIDERED
THERKORN	March 22, 2005

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	APPLICANT <b>Bidlingmeyer, et al.</b>	
	FILING DATE <b>July , 2003</b>	GROUP <b>TBA 1723</b>

## REFERENCE DESIGNATION                    U.S. PATENT DOCUMENTS

EXAMINER INITIAL	*	DOCUMENT NUMBER	DATE	NAME
E GT		6,486,309	Nov 26, 2002	Gerber et al.
E GT		6,488,855	Dec 3, 2002	Gjerde et al.
E GT		2002/0023848	Sep 27, 2001	Gjerde et al.
E GT		2002/0003109	Jan 10, 2002	Gjerde et al.
E GT		2002/0038786	Apr. 4, 2002	Gjerde et al.
E GT		2002/0158017	Oct 31, 2002	Gjerde et al.
E GT		2002/0137037	Sep 26, 2002	Hornby et al.

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	NAME	TRANSLATION	
				YES	NO

## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

E GT	Chong, et al., "Differential Screening and Mass Mapping of Proteins from Premalignant and Cancer Cell Lines Using Nonporous Reversed-Phase HPLC Coupled with Mass Spectrometric Analysis", Anal. Chem. 73: 1219-1227, 2001.
E GT	Cox, G., "The Influence of Silica Structure on Reversed-Phase Retention", Journal of Chromatography A, 656: 353-367, 1993.
E GT	Darling, et al., "Rapid Purification of an RNA Tumor Virus and Proteins by High-Performance Steric Exclusion Chromatography on Porous Glass Bead Columns", Journal of Chromatography, 131: 383, 390, 1977.

EXAMINER	DATE CONSIDERED
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July , 2003	TBA <u>1723</u>	

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## **U.S. PATENT DOCUMENTS**

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**OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)**

E6T	Dorsey, et al. "Retention Mechanisms of Bonded-Phase Liquid Chromatography", Analytical Chemistry, 66(17): 857-867.
E6T	Engelhardt, et al., "Sample Size and Retention Values in High-Performance Liquid Chromatography of Biological and Synthetic Polymers", Journal of Chromatography, 458: 79-92, 1988.
E6T	Gilar, M., "Analysis and Purification of Synthetic Oligonucleotides by Reversed-Phase High-Performance Liquid Chromatography with Photodiode Array and Mass Spectrometry Detection" Analytical Biochemistry, 298: 196-206, 2001.

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MARCH 22, 2005

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<b>FORM PTO-1449</b>  <b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b>  <i>(Use several sheets if necessary)</i>	<b>ATTY. DOCKET NO.</b> <b>10020542-1</b>	<b>SERIAL NO.</b> <b>TBA 10/621,953</b>
	<b>APPLICANT</b> <b>BIDLINGMEYER, ET AL.</b>	
	<b>FILING DATE</b> <b>TBA</b>	<b>GROUP</b> <b>TBA 1723</b>

## **REFERENCE DESIGNATION**

## **U.S. PATENT DOCUMENTS**

## **FOREIGN PATENT DOCUMENTS**

**OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)**

EGT		<p>Hecker, et al., "Optimization of Cloning Efficacy by Pre-Cloning DNA Fragment Analysis", BioTechniques, 26: 216-222, 1999.</p>
EGT		<p>Hoogendoorn, et al.. "Genotyping Single Nucleotide Polymorphisms by Primer Extension and High Performance Liquid Chromatography", Hum Genet, 104:89-93, 1999.</p>
EGT		<p>Horvath, et al., "Liquid Chromatography of Ionogenic Substances with Nonpolar Stationary Phases", Analytical Chemistry, 49(1): 142-158, 1977.</p>

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## THE EKKORN

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<p><b>FORM PT -1449</b></p> <p><b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b></p> <p>(Use several sheets if necessary)</p>	<b>ATTY. DOCKET NO.</b>	<b>SERIAL NO.</b>
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July , 2003	TBA <u>1723</u>	

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## **U.S. PATENT DOCUMENTS**

## **FOREIGN PATENT DOCUMENTS**

**OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)**

E6+	Huber, et al., "High-Resolution Liquid Chromatography of Oligonucleotides on Nonporous Alkylated Styrene-Divinylbenzene Copolymers" Analytical Biochemistry, 212: 351-358, 1993.
E6+	Huber, et al., "Analysis of Nucleic Acids by Capillary Ion-Pair Reversed-Phase HPLC Coupled to Negative-Ion Electrospray Ionization Mass Spectrometry" Anal. Chem. 71: 3730-3739, 1999.
E6+	Huber, et al., "Rapid and Accurate Sizing of DNA Fragments by Ion-Pair Chromatography on Alkylated Nonporous Poly(Styrene-Divinylbenzene) Particles", Anal. Chem. 67: 578-585, 1995.

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THE KARP

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	<b>APPLICANT</b> <b>BIDLINGMEYER, ET AL.</b>	
	<b>FILING DATE</b> <b>July , 2003</b>	<b>GROUP</b> <b>TBA 1703</b>

## **REFERENCE DESIGNATION**

## **U.S. PATENT DOCUMENTS**

## **FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	NAME	TRANSLATION
					YES NO

**OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)**

E67	Inchauspe, et al., "Mechanism of Selectivity in Ion-Pair High-Performance Liquid Chromatography of Aminoglycoside Antibiotics using Perfluorinated Pairings Ions", Journal of Chromatography, 404: 53-66, 1987.
E67	Kawasaki, et al., "Production and Separation of Peptides from Proteins Stained with Coomassie Brilliant Blue R-250 after Separation by Sodium Dodecyl Sulfate-Polyacrylamide Gel Electrophoresis", Analytical Biochemistry, 191: 332-336, 1990.
E67	Kirkland, et al., "Stability of Silica-Based, Endcapped Columns with pH 7 and 11 Mobile Phases for Reversed-Phase High-Performance Liquid Chromatography", Journal of Chromatography A, 762: 97-112, 1997.

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# THE RORN

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March 22, 2005

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<b>FORM PTO-1449</b>  <b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b>  (Use several sheets if necessary)	<b>ATTY. DOCKET NO.</b>	<b>SERIAL NO.</b>
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July , 2003	TBA	

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**OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)**

EGT	Kirkland, et al., "Reversed-Phase High-Performance Liquid Chromatography of Basic Compounds at pH 11 with Silica-Based Column Packings", Journal of Chromatography A, 797: 111-120, 1998.
EGT	Kirkland, et al., "High pH Mobile Phase Effects on Silica-Based Reversed-Phase High-Performance Liquid Chromatographic Columns", Journal of Chromatography A, 691: 3-19, 1995.
EGT	Kirkland, et al., "Synthesis and Characterization of Highly Stable Bonded Phases for High-Performance Liquid Chromatography Column Packings", Anal. Chem. 61: 2-11, 1989.

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	<b>APPLICANT</b> <b>BIDLINGMEYER, ET AL.</b>	
	<b>FILING DATE</b> <b>JULY , 2003</b>	<b>GROUP</b> <b>TBA</b>

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## **U.S. PATENT DOCUMENTS**

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**OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)**

E6T	Kohler, et al., "Improved Silica-Based Column Packings for High-Performance Liquid Chromatography", Journal of Chromatography, 385: 125-150, 1987.
E6T	Marshall, et al., "Variable Reactivity in the Chemical Modification of Silica, Effects of Initial Deactivation on High-Performance Liquid Chromatographic Performance", Journal of Chromatography, 361: 71-82, 1986.
E6T	Myers, P., "Will Combinatorial Chemistry Deliver Real Medicines?", Current Opinion in Biotechnology, 8:701-707, 1997.

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# THE RKOEN

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					YES	NO

**OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)**

E6T	Nilsson, et al., "Identification of Protein Vaccine Candidates from Helicobacter Pylori Using a Preparative Two-Dimensional Electrophoretic Procedure and Mass Spectrometry", Anal. Chem. 72: 2148-2153, 2000.
E6T	O'Donovan, et al., "Blind Analysis of Denaturing High-Performance Liquid Chromatography as a Tool for Mutation Detection", Genomics, 52: 44-49, 1998.
E6T	Schomburg, et al., "Immobilization of Stationary Liquids in Reversed-And Normal-Phase Liquid Chromatography", "Production and Testing of Materials for Bonded-Phase Chromatography", Journal of Chromatography, 282: 27-39, 1983.

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EGT		Waddell, et al., "The Nature of Organosilane to Silica-Surface Bonding", J. Am. Chem. Soc., 103: 5303-5307, 1981.
EGT		Wehrli, et al., "Influence of Organic Based on the Stability and Separation Properties of Reversed-Phase Chemically Bonded Silica Gels", Journal of Chromatography, 149: 199-210, 1978.
EGT		Wirth, et al., "Horizontal Polymerization of Mixed Trifunctional Silanes on Silica. 2. Application to Chromatographic Silica Gel", Anal. Chem. 65: 822-826, 1993.

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## THE ROKON

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